

Figure 1

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Initialize Input Buffer with zeros. Working buffer size is 256 samples. Initialize Out buffer with zeros. Out buffer size is 128 samples.  
 Sub-Block Counter = 0  
 Long Block Counter = 0

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Shift data in second half of Input Buffer to first half.  
 Copy data from second half of Temporary Buffer to first half of Out Buffer.

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Read 128 new samples into second half of Input Buffer

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Multiply Input Buffer by Window Function and store in Temporary Buffer.

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Perform short block FFT on Temporary Buffer data and compute masking level and tonality

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Determine frequencies for coding based on Long Block Counter. Synchronization corresponds to Long Block Counter = 0

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If tonality is acceptable and masking level is adequate compute code signals for all bands.

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Add code signal to Temporary Buffer

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Add first half of Temporary Buffer to Output Buffer.  
 Send 128 samples of encoded data out.

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Sub-Block Counter + 1  
 If ( Sub-Block Counter = 64 ), Long Block Counter + 1  
 If Long Block Counter = 17, Long Block Counter = 0  
 and New Message has to be coded.

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Figure 2

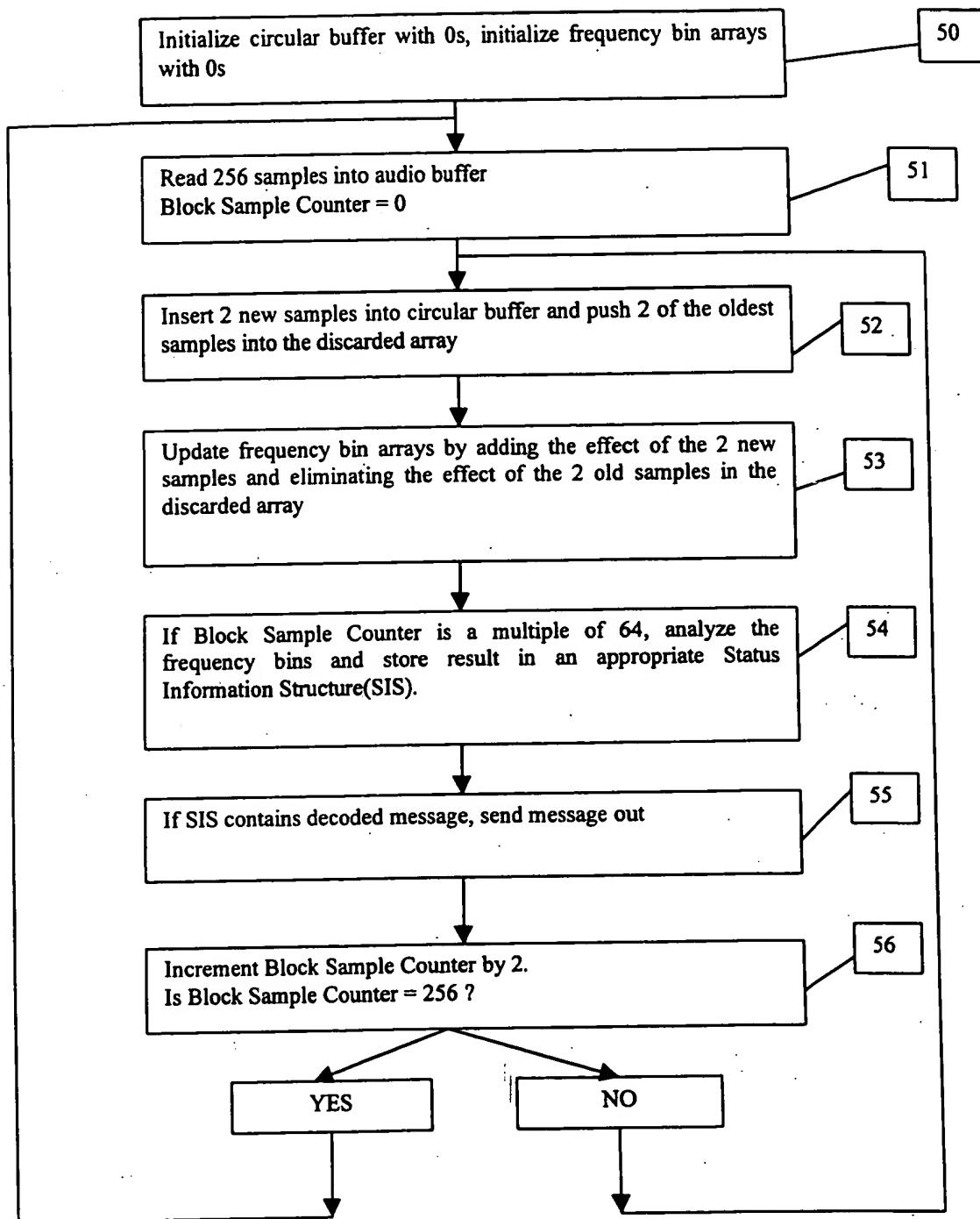


Figure 3